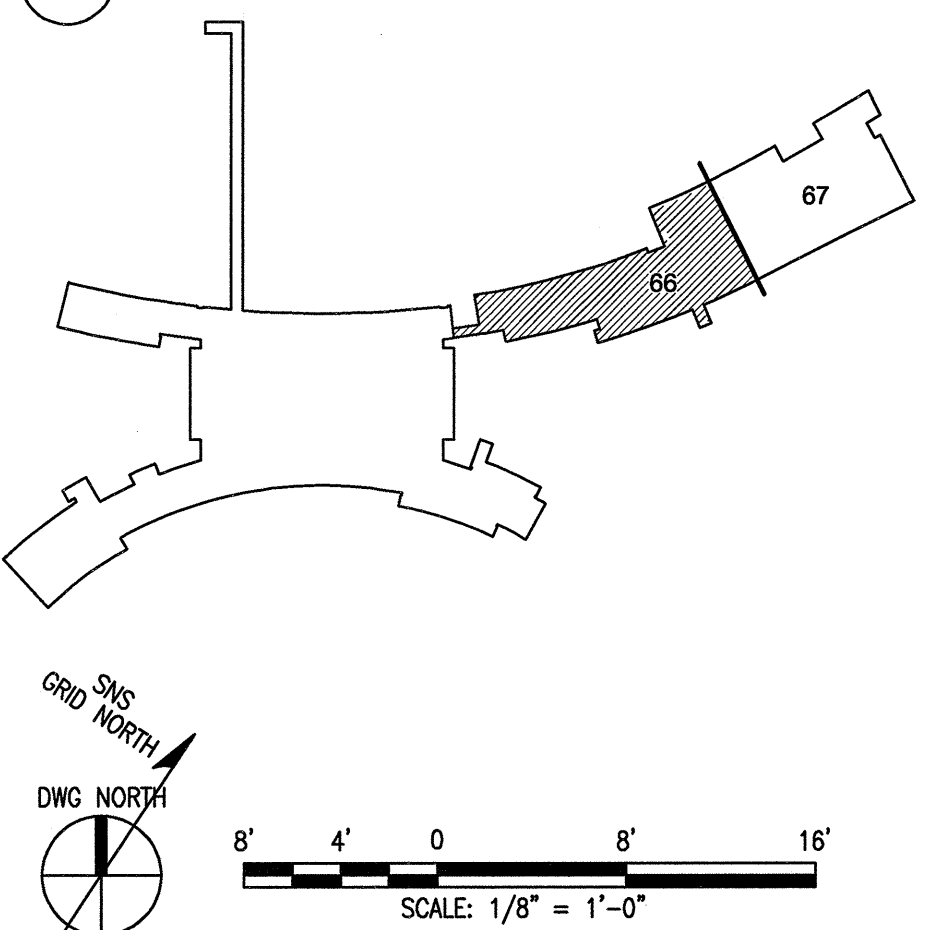



- KEY NOTES:**
- N001 PANELBOARD, FLUSH-MOUNT AT 66" AFF TO TOP, DOOR ON CORRIDOR SIDE. PROVIDE 10 - 3/4" SPARE CONDUITS INTO LAB SPACE IN ADDITION TO THOSE REQUIRED TO FEED SURFACE RACEWAYS AND HOODS.
 - N002 SURFACE-MOUNTED RACEWAY, WIREMOLD 66000, OR APPROVED EQUAL. CONNECT TO PANEL WITH 3/4" CONDUIT.
 - N003 ALL 120V RECEPTACLES IN LABS SHALL BE 20A AND FED FROM GFCI BREAKER IN LOCAL LAB PANEL.
 - N004 RECEPTACLE, 20A, 208V, 1 PH, GROUNDING TYPE NEMA 6-20. TYP IN LABS ONLY.
 - N005 OVERHEAD FEEDER CONDUIT. SEE ONE-LINE DIAGRAM FOR SIZE. MAINTAIN MIN. CLEARANCE IN WET LABS OF 10' AFF AND 9'-8" AFF IN DRY LABS.
 - N006 PANEL CN-2PP3-2 SHALL FEED RECEPTACLES IN RWS 3-6-20 TO 3-6-30, 3-6-40 TO 3-6-47 AND CORRIDORS. ALL OTHER RECEPTACLES HOMERUN TO CN-2PP3-10.
 - N007 PROVIDE 120V TO EXH HOOD IN LAB FROM LOCAL LAB PANEL.
 - N008 PROVIDE 120V TO DOOR HOLDERS FROM NEAREST CORRIDOR RECEPT. PROVIDE CONTACTOR CONTROLLED BY PAC TO RELEASE DOOR UPON FA SIGNAL.
 - N009 PROVIDE 120V TO DOOR CARD READER FROM CN-2PP3-1 CKT. SEE DETAILS 10, 11 AND 12 OF SHEET E8.11.42.
 - N010 -3/4", 2-#6, #10 GND FROM PB IN TEL CLOSET 2-6-33.
 - N011 PROVIDE IN CONFERENCE ROOMS CEILING MOUNTED 120V RECEPTACLE FOR VIDEO PROJECTOR. ALSO PROVIDE CONDUIT AND HINGED COVER JB'S IN CEILING AND WALLS FOR FUTURE INSTALLATION OF AUDIO/VIDEO CABLES. SEE DET 8/EB.11.43.
 - N012 SERVE FLOOR OUTLETS IN OPEN OFC VIA CONDUIT BELOW SLAB. DROP DOWN FROM NEARBY FULL HEIGHT WALL.
 - N013 PROVIDE 120V FROM EMERG PANEL CN-2PP3-2, CKT#34, IN COMPUTER ROOM 2-6-41, TO RECEPT TO SERVE FINING SYSTEM RACK. 3/4", 2#10, #10 GND. ONE CKT TO SERVE 4 RECEPTS, ONE IN EACH TEL CLOSET.
 - N014 IN TOILETS, PROVIDE 120V, 20A RECEPTACLE UNDER EACH SINK, 12" BELOW COUNTER, FOR USE WITH FAUCET MOTION DETECTOR. OBTAIN POWER FROM GFI RECEPT ABOVE COUNTER. COORDINATE INSTALLATION WITH OTHER TRADES.
 - N015 INSTALL FLOOR RECEPTS IN OPEN OFFICE 3-6-30 AS DIMENSIONED ON SHT. E8.11.68.



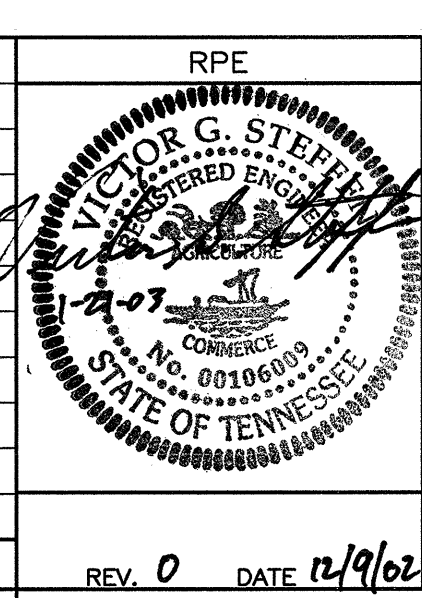
ORNL DRAWING NUMBER:										M+W Zander U.S. Operations, Inc. 549 West Randolph Street Chicago, IL 60661 Telephone: (312) 577-3200 Fax: (312) 577-3525									
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										Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, c/o Oak Ridge, Tennessee									
PROJECT NAME:										CENTER FOR NANOPHASE MATERIALS SCIENCES ELECTRICAL POWER PLAN LEVEL 3 - SECTOR 66									
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SECTION AND DETAIL KEY

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0		CERTIFIED FOR CONSTRUCTION 12/9/02																								
REVISION OR ISSUE PURPOSE																SQUAD CHECK										
REVISION APPROVALS																DRAWING APPROVALS										



DSN	C. RUNG	12/09/02
DRW	L. MAKOVSKY	12/09/02
CHK	V. STEFFEN	12/09/02
DEPT		
PE	CLG	1/14/03
PJ	JS	1/14/03
REQ	JS	1/14/03